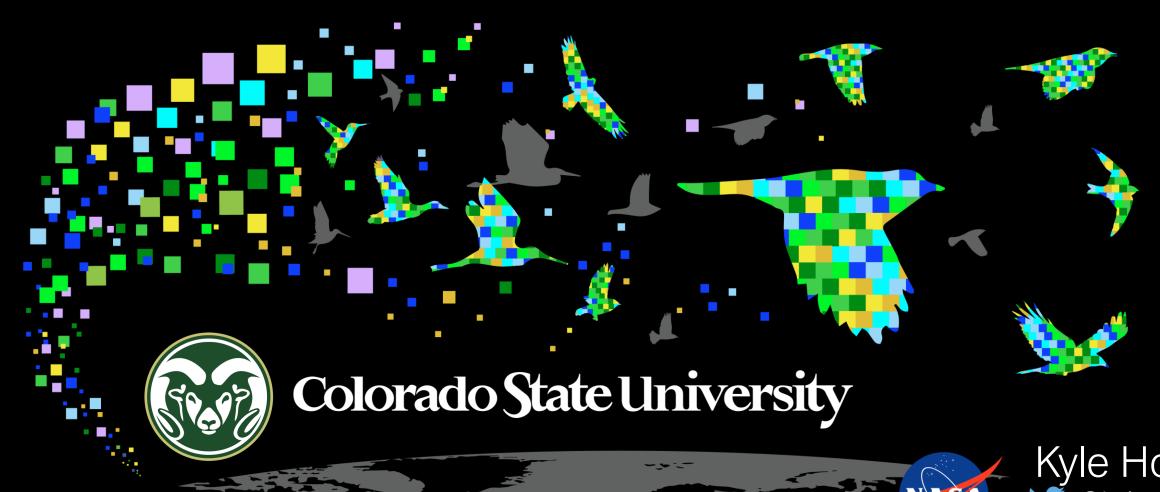
Aeroecology, an emerging ecological frontier



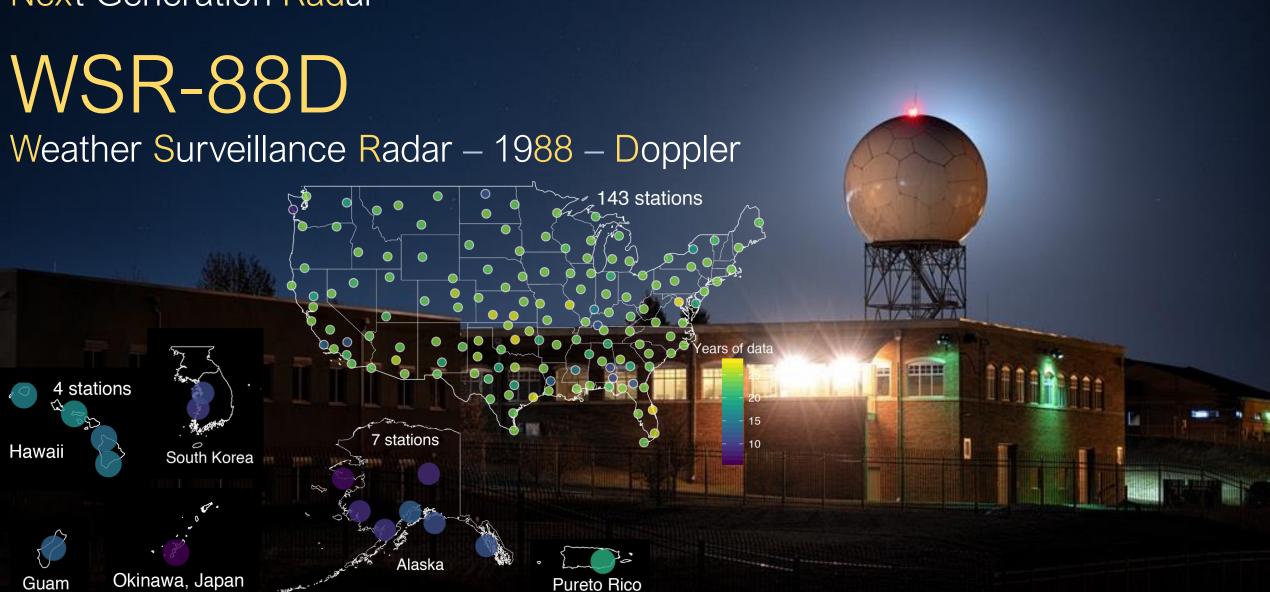


Outline

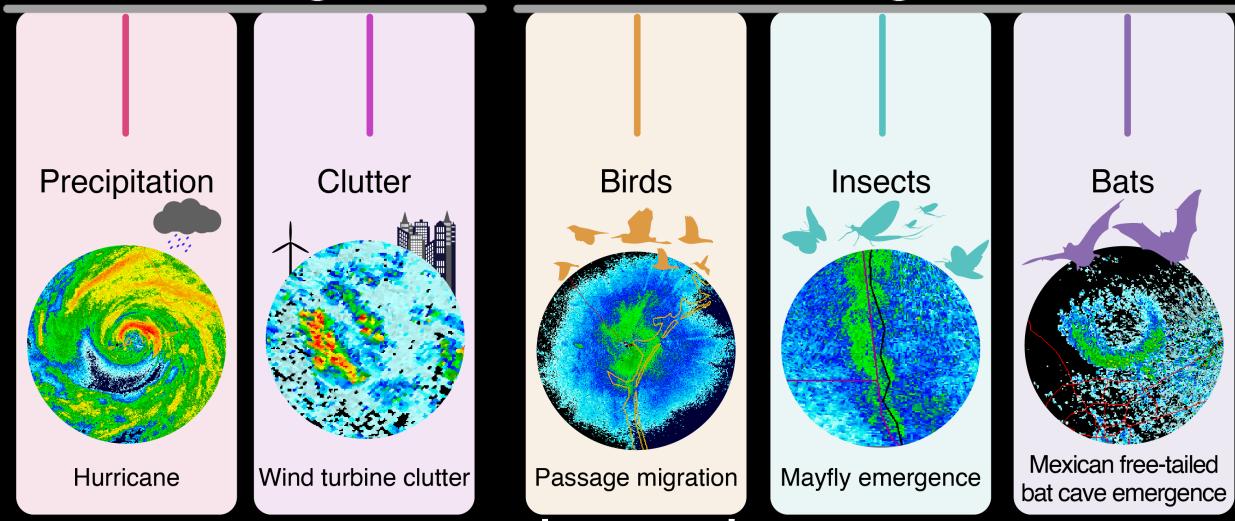
- 1. Building a pipeline for bird migration forecasts with enhanced resolution.
- 2. Using field measures for validation of weather surveillance radar.



NEXRAD Next Generation Radar



Radar classification Non-biological Biological

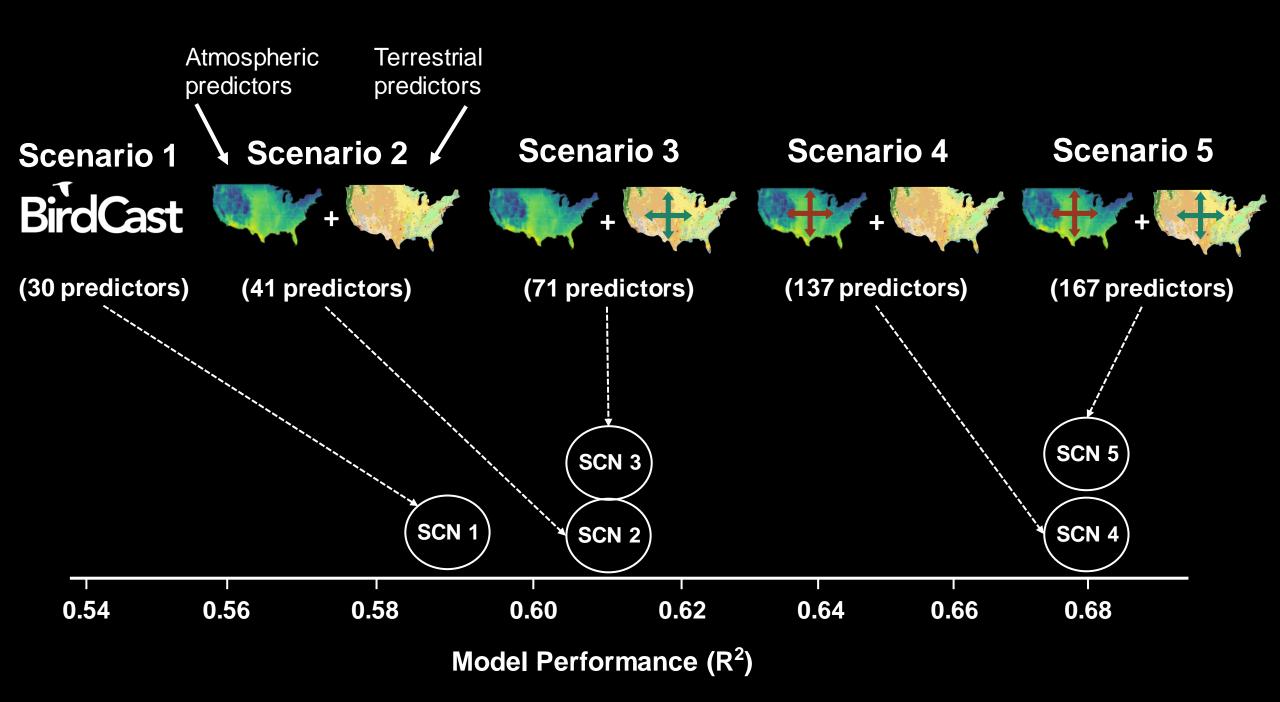


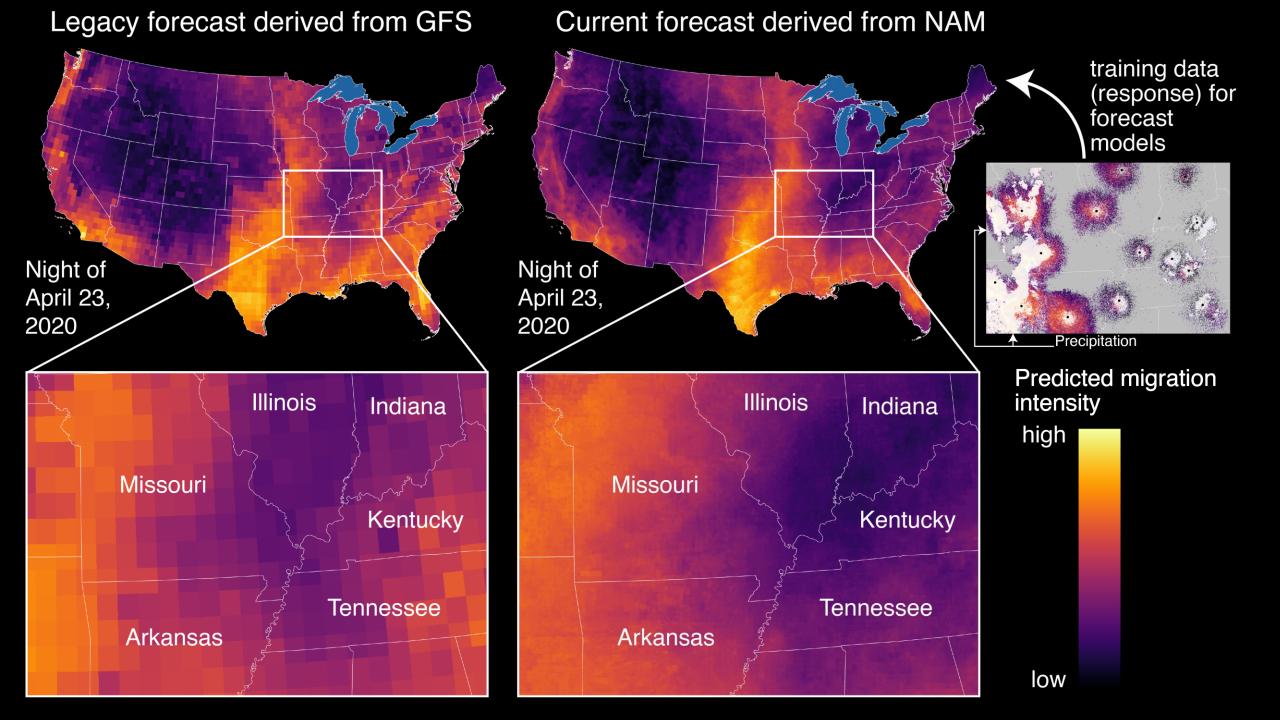
Can we predict these events?

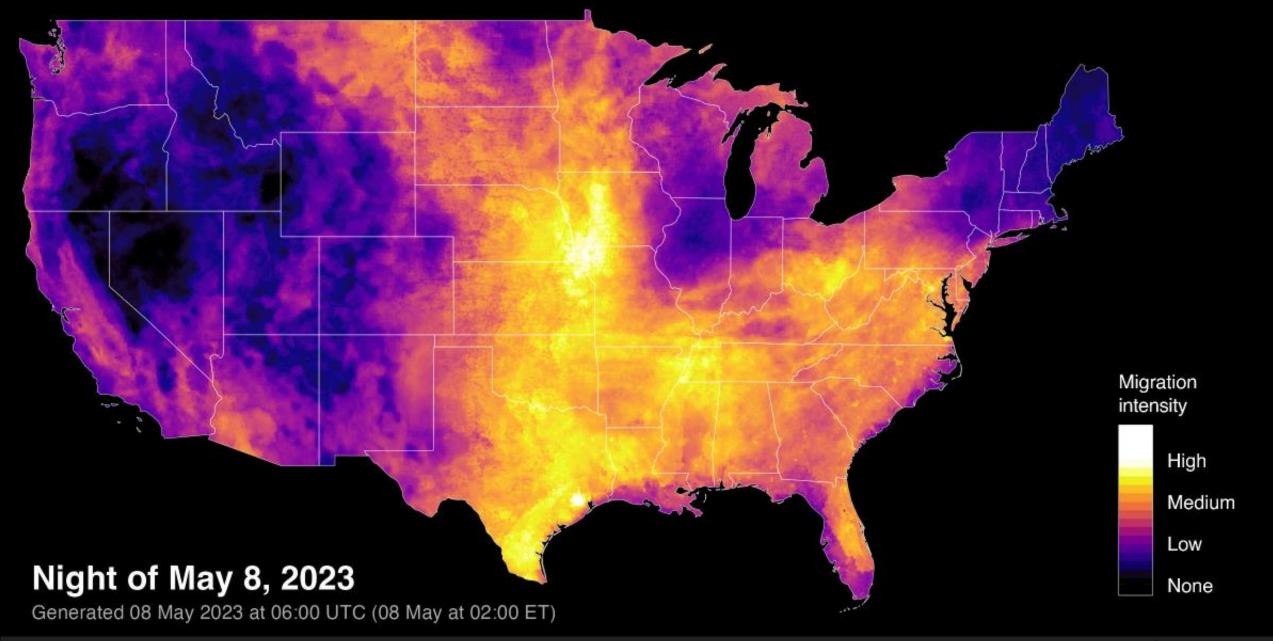
Outline

- 1. Building a pipeline for bird migration forecasts with enhanced resolution.
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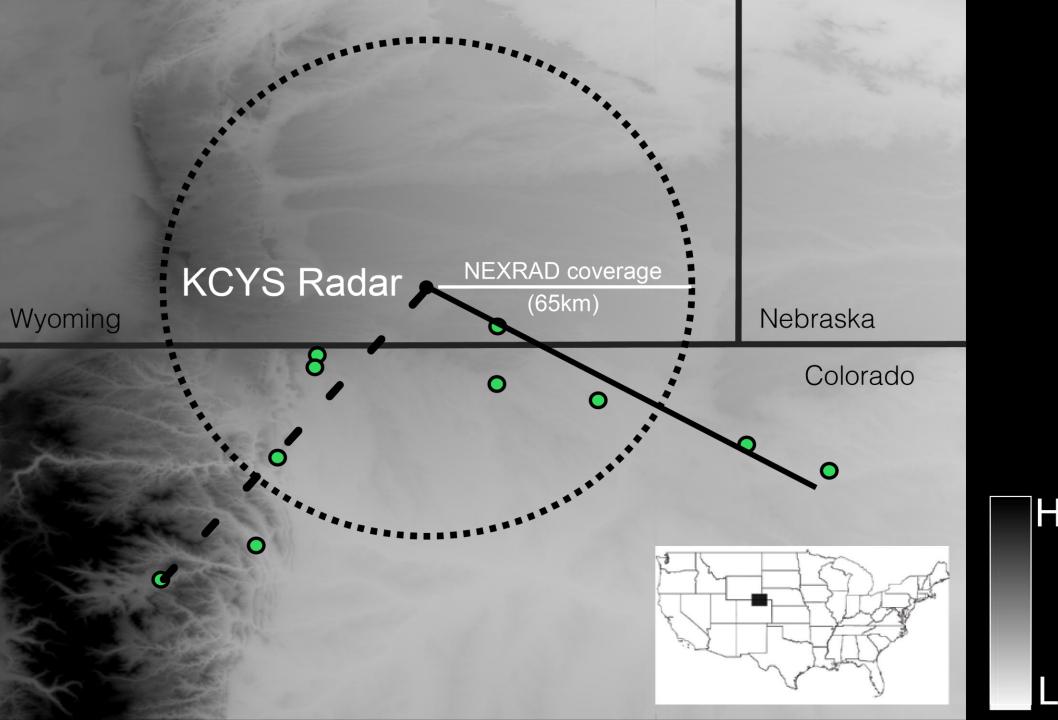
BirdCast

Outline

- 1. Building a pipeline for bird migration forecasts with enhanced resolution.
- 2. Using field measures for validation of weather surveillance radar.







High elevation

Low elevation

